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(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
109237APPLICATION NO.  
09/883,966

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Koichi NUMATA et al.FILING DATE  
June 20, 2001GROUP  
1764RECEIVED  
JUL 30 2003  
GROUP 1764  
SUB CLASS 50  
CLASS 502

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<del>XX</del>	1	4,855,267	08/1989	Wu-Hsun CHENG	502	50
<del>XX</del>	2	4,981,676	01/1991	Ronald G. MINET et al.	423	652

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<del>XX</del>	3	DE 198 04 286 A1	08/1999	Germany		
<del>XX</del>	4	EP0 228 885 A2	07/1987	EPO		
<del>XX</del>	5	DE 196 18 816 C2	08/1999	Germany		
<del>XX</del>	6	JP 01042301 A (w/ English abstract)	02/1989	Japan		
<del>XX</del>	7	DE 197 25 007 C1	03/1999	Germany		
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<del>XX</del>	9	JP 04200640 A (w/English abstract)	07/1992	Japan		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER		DATE CONSIDERED	8/22/06
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Date: July 29, 2003

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PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
109237APPLICATION NO.  
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APPLICANTS  
Koichi NUMATA; Satoshi IGUCHIFILING DATE  
June 20, 20011017 U.S. PTO  
09/883966

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

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EXAMINER

DATE CONSIDERED

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